

## Abstract

**Title:** The case study of the physiotherapeutic care of a patient with total endoprosthesis of a knee joint

**Aim:** The purpose of this bachelor thesis is the processing of a case study of the physiotherapeutic care of a patient after total knee replacement during an internship in the ÚVN hospital.

**Summary:** This thesis is divided into general and special part. The general part sums up anatomy, kinesiology and biomechanics of the knee joint. Apart from that, there is some information about gonarthrosis, indications and contraindications towards total endoprosthesis of the knee joint. Last but not least we look at the specifications of rehabilitation regarding this diagnosis and used physiotherapeutic methods.

The objective of the special part is a case study of the patient. It consists of complex kinesiological evaluation, therapies during the patients stay and the outcomes of the rehabilitation.

**Keywords:** knee joint, total endoprosthesis, gonarthrosis, physiotherapy, case study